

09/698,213

APPLICATION NO. ~~To be assigned~~FORM PTO-1449
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
04983.0220.00US00/38-10(15494)

APPLICANT James D. MCININCH

FILING DATE October 30, 2000

1631
GROUP ~~To be assigned~~

1931 698213 pro 1931 698213

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | REF. NO. | DOCUMENT NUMBER | GRANT DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|-------------------|----------|-----------------|------------|------|-------|-----------|-------------|
| | AA1 | | | | | | |
| | AB1 | | | | | | |
| | AC1 | | | | | | |
| | AD1 | | | | | | |
| | AE1 | | | | | | |
| | AF1 | | | | | | |
| | AG1 | | | | | | |
| | AH1 | | | | | | |
| | AII | | | | | | |
| | AJ1 | | | | | | |
| | AK1 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | REF. NO. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|-------------------|----------|-----------------|------|---------|-------|-----------|---|
| | AL1 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | AM1 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | AN1 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | AO1 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | AP1 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

| EXAMINER INITIALS | REF. NO. | OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | |
|-------------------|----------|--|---|--|--|--|--|
| MBS | AS | 1 | John Besemer, et al., "Heuristic approach to deriving models for gene finding," Nucleic Acid Research, 1999, Vol. 27, No. 19, pp. 3911-3920. | | | | |
| MBS | AT | 1 | Borodovskii et al., "Statistical Patterns in Primary Structures of the Functional Regions of the Genome in Escherichia coli, I. Frequency Characteristics", Institute of Molecular Genetics, Academy of Sciences of the USSR, Moscow. Vol. 20, no. 4, pp. 1014-1023, July-August, 1986. | | | | |

| EXAMINER | DATE CONSIDERED |
|---|-----------------|
|  | 7/22/02 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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|-------------------|-----|-----------------|------------|------|-------|-----------|-------------|
| | AA2 | | | | | | |
| | AB2 | | | | | | |
| | AC2 | | | | | | |
| | AD2 | | | | | | |
| | AE2 | | | | | | |
| | AF2 | | | | | | |
| | AG2 | | | | | | |
| | AH2 | | | | | | |
| | AI2 | | | | | | |
| | AJ2 | | | | | | |
| | AK2 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
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| | AM2 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| | AO2 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | AP2 | | | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

| EXAMINER INITIALS | REF. NO. | | OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |
|-------------------|----------|---|---|
| MBS | AR | 2 | Borodovskii et al., "Statistical Patterns in Primary Structures of the Functional Regions of the Genome in Escherichia coli, II. Nonuniform Markov Models", Institute of Molecular Genetics, Academy of Sciences of the USSR, Moscow. Vol. 20, no. 4, pp. 1024-1033, July-August, 1986. |

| | | | |
|-----|----|---|--|
| MBS | AS | 2 | Borodovskii et al., "Statistical Patterns in Primary Structures of the Functional Regions of the Genome in Escherichia coli, III. Computer Recognition of Coding Regions", Institute of Molecular Genetics, Academy of Sciences of the USSR, Moscow. Vol. 20, no. 5, pp. 1390-1398, September-October, 1986. |
| MBS | AT | 2 | Borodovsky et al., "Recognition of genes in DNA sequence with ambiguities", BioSystems, 30 (1993) 161-171, Elsevier Scientific Publishers Ireland, Ltd. |

| EXAMINER | <i>MBS</i> | | DATE CONSIDERED 7/22/02 |
|--|------------|--|-------------------------|
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| EXAMINER INITIALS | | DOCUMENT NUMBER | GRANT DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|-------------------|-----|-----------------|------------|------|-------|-----------|-------------|
| | AA3 | | | | | | |
| | AB3 | | | | | | |
| | AC3 | | | | | | |
| | AD3 | | | | | | |
| | AE3 | | | | | | |
| | AF3 | | | | | | |
| | AG3 | | | | | | |
| | AH3 | | | | | | |
| | AI3 | | | | | | |
| | AJ3 | | | | | | |
| | AK3 | | | | | | |

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| EXAMINER INITIALS | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
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| | AM3 | | | | | <input type="checkbox"/> | Yes |
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| | AN3 | | | | | <input type="checkbox"/> | Yes |
| | | | | | | <input type="checkbox"/> | No |
| | AO3 | | | | | <input type="checkbox"/> | Yes |
| | | | | | | <input type="checkbox"/> | No |
| | AP3 | | | | | <input type="checkbox"/> | Yes |
| | | | | | | <input type="checkbox"/> | No |

| EXAMINER INITIALS | REF. NO. | OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | |
|-------------------|----------|--|---|--|--|--|
| MBS | AR | 3 | Borodovsky et al., "Genmark: Parallel Gene Recognition for Both DNA Strands*", Computers Chem. Vol. 17, No. 2, pp. 123-133, 1993. | | | |
| MBS | AS | 3 | Chris Burge et al., "Prediction of Complete Gene Structures in Human Genomic DNA", J. Mol. Biol (1997) 268, 78-94 Chem. Vol. 39, 1991, pp. 883-886. | | | |
| | AT | 3 | | | | |

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| <i>Richig</i> | 7/22/02 |

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